

DERRICK RIOBA ONGWAE

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SUMMARY

Motivated ICT professional with hands-on experience in programming, networking, database management, and IT support. I am eager to contribute to innovative projects and strengthen technical expertise in software development and IT infrastructure.

TECHNICAL SKILLS

Languages: Python, JavaScript

Web: HTML, CSS, React, Flask

Databases: PostgreSQL, MySQL

Tools: Survey-CTO, Swagger, Office 365, Windows, Linux

Networking: Setup, configuration, troubleshooting

Other: Data analysis, problem-solving, teamwork, communication

PROJECTS

Creation Demo

(<https://demo-project-f-end.vercel.app/>)

Developer | Flask, React, JavaScript, Swagger

- Built a full-stack platform for submitting and viewing artwork
- Implemented JWT authentication using Flask-JWT-Extended and documented APIs with **Swagger**
- Enabled secure **image uploads** via **Cloudinary API**, **Axios** for frontend-backend communication and **React Router** for routing
- Developed admin dashboard for managing users and posts

Bloggers

(<https://bloggers-front-end-srpb.vercel.app/>)

Developer | Flask, React, JavaScript

- Built a blogging platform with **user authentication** using JWT
- Enabled post creation, browsing, and commenting via **RESTful APIs** built with **Flask-RESTful**. I also utilized **Axios** for data fetching and **React Router** for navigation

EXPERIENCE

Industrial Attachment – Kenya Technical Trainers College (KTTC)

Sept – Dec 2021

- Maintained ICT systems and assisted in infrastructure deployment
- Conducted user training on common productivity tools

Industrial Attachment – Kenyatta National Hospital (KNH)

Oct – Dec 2022

- Provided technical support and configured networks
- Supported data backup and recovery implementations
- Conducted user training on common productivity tools

EDUCATION

Moringa Institute

Software engineering | Feb – Aug 2024

Covered: HTML, CSS, JavaScript, React, Python, and Flask

Nairobi Technical Training Institute | Nairobi National Polytechnic

Diploma in ICT (Credit) | Sept 2020 – Sept 2023

Key Courses: OOP, Visual Programming, DBMS, MIS, Systems Analysis

CERTIFICATIONS

- Data Analysis with Python – *Coursera (May 2025)*
- Software Development Essentials – *Microsoft/LinkedIn (Sep 2024)*
- Programming Foundations, Problem-Solving, Teamwork – *LinkedIn (2024)*